

REMARKS

Claim 1 has been amended. Claim 2 has been canceled. Claims 31-39 have been added. Thus, Claims 1, and 31-40 are pending in the present application.

Objections to the specification:

The Examiner objected to the abstract and title of the present application. Applicant amended both title and abstract according to the Examiner's proposal.

Objections to the claims:

The Examiner objected to claim 1 because of informalities. Applicant amended claim 1 according to the Examiner's proposal. The Examiner also rejected claims 1 and 2 under 35 U.S.C. 112, second paragraph as being indefinite. Applicant amended claim 1 to more clearly define the present invention.

Claim rejection under 35 USC §102:

The Examiner rejected claim 1 under 35 USC §102(b) as being anticipated by Berlincourt. Applicant amended independent claim 1 to more clearly define the present invention. According to the present independent claim 1 and as, for example, shown in Figs. 1A-1E, a specific method of producing a piezoelectric component is disclosed. According to this method, first a bottom electrode is created on the substrate. Following a deposition of first piezoelectric layer, a second electrically conductive layer, a second piezoelectric layer and a third electrically conductive layer. After this deposition, at least one first opening is created in top two layers exposing the second electrically conductive layer for contacting purposes. Then second openings in third electrically conductive layer are produced in such a way that two stacked crystal filters are produced.

Berlincourt does neither disclose nor suggest such a method. Moreover, none of the cited references provides for such a method. In particular Nakatani discloses a different type of piezoelectric resonator consisting of two separately formed piezoelectric elements which are sandwiched by means of an adhesive layer. Thus, a person skilled in the art would not consider Nakatani because it does not relate to the same type of manufacturing technology.

Nakatani does not use a method of sequentially depositing different layers on a substrate and, thus, does not require to provide access through a layer for electrical contacts.

Dependent claims:

Applicant furthermore introduces new dependent claims 31-40 which further develop the method of independent claim 1. These dependent claims include all the limitations of the independent claims 1 and are thus patentable at least to the extent of independent claim 1.

CONCLUSION

The application as defined in the pending claims is patentable under 35 U.S.C. §102 and §103 in view of the cited prior art. Therefore, applicants respectfully request withdrawal of the rejection and allowance of all pending claims.

Applicants do not believe that any other fees are due at this time; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to this document, the Commissioner is authorized to deduct the fees from Deposit Account No. 02-0383, (*formerly Baker & Botts, L.L.P.*) Order Number 068758.0180.

BAKER BOTTS, L.L.P.

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(Limited recognition 37 C.F.R. §10.9)
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